



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 7625

SERIAL NUMBER 10/701,447	FILING DATE 11/06/2003  RULE	CLASS 713	GROUP ART UNIT 2115	ATTORNEY DOCKET NO. 501.25958CV7
-----------------------------	---------------------------------------	--------------	------------------------	--

## APPLICANTS

Takashi Hotta, Hitachi-shi, JAPAN;

Kozaburo Kurita, Hitachi-shi, JAPAN;

Masahiro Iwamura, Hitachi-shi, JAPAN; Hideo Maejima, Hitachi-shi, JAPAN;

Shigeya Tanaka, Hitachi-shi, JAPAN;

Tadaaki Bandoh, Ibaraki-ken, JAPAN;

Yasuhiro Nakatsuka, Hitachi-shi, JAPAN;

Kazuo Kato, Ibaraki-ken, JAPAN;

Sin-Ichi Sinoda, Hitachi-shi, JAPAN;

\*\* CONTINUING DATA ..... *yes DmB*

This application is a CON of 10/002,444 12/06/2001 PAT 6,675,311

which is a CON of 09/406,921 09/28/1999 ABN

which is a CON of 08/788,831 01/27/1997 PAT 5,974,560

which is a CON of 08/279,887 07/26/1994 PAT 5,640,547

which is a DIV of 07/872,174 04/22/1992 PAT 5,388,249

which is a CON of 07/184,782 04/22/1988 PAT 5,133,064

\*\* FOREIGN APPLICATIONS ..... *DmB*JAPAN 101930/87 04/27/1987 *Yes*

JAPAN 181060/87 07/22/1987

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 02/04/2004

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged  Allowance <i>Dennis Butler</i> Examiner's Signature Initials	JAPAN	25	6	3

## ADDRESS

020457

ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP

1300 NORTH SEVENTEENTH STREET

SUITE 1800